

CLAIMS

Now, therefore, the following is claimed:

1           1.     A display interface for displaying images comprising:  
 2           a display configured to display an image; and  
 3           a simplified image display control interface consisting of:  
 4                 a first button configured to change an image shown by the display to  
 5           the next most recently captured image; and  
 6                 a second button configured to change an image shown by the display to  
 7           the next previously captured image.

1           2.     The display interface of claim 1, wherein the first button is further  
 2           configured to display a live preview when there is no next most recently captured  
 3           image, and wherein the second button is further configured to turn off the display  
 4           when there is no next previously captured image.

1           3.     The display interface of claim 1, further comprising a third button  
 2           configured to delete data associated with the image shown by the display, wherein the  
 3           third button is further configured to turn off the display when there is no data  
 4           associated with the image shown by the display to delete.

1           4.     The display interface of claim 1, further comprising;  
 2           a memory configured to store data corresponding to at least one captured  
 3           image; and  
 4           a processor unit coupled to the memory and configured to receive signals from  
 5           the first button and the second button, the processor unit further configured to retrieve  
 6           from the memory data associated with the captured images specified by the first  
 7           button and the second button.

1           5.     The display interface of claim 1, wherein the first button and the  
 2           second button are further configured to turn on the display when the display is off.

1           6.     The display interface of claim 1, further comprising a right pointing  
2     arrow icon residing on the first button.

1           7.     The display interface of claim 1, further comprising a left pointing  
2     arrow icon residing on the second button.

1           8.     A method for controlling display of images on a display, the method  
2     comprising the steps of:  
3         detecting actuation of a simplified image display control interface consisting of  
4         a first control button and a second control button;  
5         displaying a next most recently captured image on the display when the first  
6         control button is actuated; and  
7         displaying a next previously captured image on the display when the second  
8         control button is actuated.

1           9.     The method of claim 8, further comprising the steps of:  
2         determining when the next most recently captured image is available for  
3         displaying on the display when the first control button is actuated; and  
4         displaying a current image detected by an image sensor when the next most  
5         recently captured image is not available.

1           10.    The method of claim 9, further comprising the step of turning off the  
2     display in response to actuation of the first control button when the current image is  
3     displayed.

1           11.     The method of claim 8, further comprising the steps of:  
 2           determining if the next previously captured image is available for displaying  
 3     on the display when the second control button is actuated; and  
 4           turning off the display in response to actuation of the second control button  
 5     when the next previously captured image is not available.

1           12.     The method of claim 8, further comprising the steps of;  
 2           detecting actuation of the simplified image display control interface further  
 3     consisting of a third control button; and  
 4           deleting data associated with the image shown on the display when a third  
 5     control button is actuated.

1           13.     The method of claim 12, further comprising the steps of:  
 2           determining if the data associated with the image shown on the display is  
 3     available for deleting when the third control button is actuated; and  
 4           displaying a current image detected by an image sensor when the data is not  
 5     available.

1           14.     The method of claim 8, further comprising the steps of:  
 2           determining when the display is off; and  
 3           turning on the display in response to detecting actuation of one of the first  
 4     control button and the second control button when the display is off.

1           15.     A system for controlling display of images on a display comprising:  
 2           means for detecting actuation of a simplified image display control interface  
 3     consisting of a first control button, a second control button and a third control button;  
 4           means for displaying a next most recently captured image on the display when  
 5     the first control button is actuated;  
 6           means for deleting data associated with the image shown on the display when  
 7     the second control button is actuated; and  
 8           means for displaying a next previously captured image on the display when the  
 9     third control button is actuated.

1           16.    The system of claim 15, further comprising:  
 2           means for determining when the next most recently captured image is  
 3   available for displaying on the display when the first control button is actuated and  
 4   means for displaying a current image detected by an image sensor when the next most  
 5   recently captured image is not available;  
 6           means for determining if the data associated with the image shown on the  
 7   display is available for deleting when the second control button is actuated and means  
 8   for displaying a current image detected by an image sensor when the data is not  
 9   available; and  
 10          means for determining if the next previously captured image is available for  
 11   displaying on the display when the third control button is actuated and means for  
 12   displaying a current image detected by an image sensor when the next previously  
 13   captured image is not available.

1           17.    The system of claim 15, further comprising:  
 2           means for determining when the display is off; and  
 3           means for turning on the display in response to detecting actuation of one of  
 4   the first control button, the second control button and the third control button when  
 5   the display is off.

1           18.    A computer readable medium having a program for controlling display  
 2   of images on a display, the program comprising logic configured to perform the steps  
 3   of:  
 4           detecting actuation of a simplified image display control interface consisting of  
 5   a first control button and a second control button;  
 6           displaying a live preview after the most recently captured image has been  
 7   displayed on the display in response to actuation of the first control button;  
 8           turning off the display after the oldest captured image on the display has been  
 9   displayed in response to actuation of the second control button.

- 1           19.     A display interface for displaying images comprising:  
 2           a digital image capturing device;  
 3           a display residing on the digital image capture device configured to display an  
 4     image; and  
 5           a simplified image display control interface consisting of:  
 6                 a first button configured to display a live preview on the display after a  
 7                 most recently captured image has been displayed; and  
 8                 a second button configured to turn off the display after an oldest  
 9                 captured image has been displayed.
- 1           20.     The system of claim 19, wherein the digital image capturing device is a  
 2     digital camera.